OPERATING INSTRUCTIONS

3 Star
Ducted Gas Central Heater

Owner's Operation and Maintenance Manual

Please keep this important manual in a safe place. It is the owner's responsibility to ensure that regular maintenance is carried out on this Ducted Gas Central Heater. Failure to do so will void all guarantees beyond statutory and legal requirements.

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INTRODUCTION

CONGRATULATIONS ON YOUR CHOICE

Congratulations on purchasing this 3 star mid efficiency gas central heating system, an exciting new product manufactured by Climate Technologies.

Wholly designed and manufactured in Australia, this Mid Efficiency Ducted Gas Central Heater represents an exciting new development in warm air furnace design. It embodies the latest advances in gas heating technology.

Your heater is supported by Climate Technologies, Australia's most advanced manufacturer of a complete range of climate control products.

To ensure you fully enjoy the benefits of this Mid Efficiency Ducted Gas Central Heater, please read these instructions carefully and keep them handy for future reference.

Operated and maintained in accordance with this manual, this unit will provide you with years of quiet, warm and environmentally friendly operation. Please take the time to read this manual.

IMPORTANT NOTICE

If an appropriately qualified person is not used to install the equipment or if it's not installed according to the guidelines, then Climate Technologies will not accept responsibility for any problems, which occur as a result.

DATA LOCATION

Your appliance model number, serial number and model description are located on the appliance data plate on the end of the heater in the vicinity of the electronic controls access. These details should also be in the warranty section of this booklet.

You will need this information, should your appliance require servicing, spare parts or just if you require additional information about this product.

ASSEMBLY

There is no assembly required of this Mid Efficiency Ducted Gas Central Heater. Your Dealer or installer will carry out all assembly and commissioning upon installation

ABNORMAL OPERATION

Should an error occur the heater will stop operating and:

1) For serious errors will remain in lockout until the control is reset
2) Will reset and attempt to restart, if the error persists the unit will enter lockout until the control is reset.
   If the unit lockout occurs, please contact your local service department.

RESETTING OF APPLIANCE

To reset appliance after lockout:

1) Turn off the power to the appliance for 5 seconds
2) Cycle the thermostat on and off 6 times within a 60 second period. Allow at least 2 seconds between cycles.

SAFETY

SAFETY & OWNER RESPONSIBILITY

The manufacturer and its service providers reserve the right to refuse service unless safety and accessibility to the unit can be guaranteed. The cost of any extra equipment required to provide access to the unit for servicing is the responsibility of the owner.

PRECAUTIONS

- DO NOT PLACE ARTICLES ON OR AGAINST THIS APPLIANCE.
- DO NOT USE OR STORE FLAMMABLE MATERIALS NEAR THIS APPLIANCE.
- DO NOT SPRAY AEROSOLS IN THE VICINITY OF THIS APPLIANCE WHILE IT IS IN OPERATION.
- DO NOT MODIFY THIS APPLIANCE

FEATURES

Your Mid Efficiency Ducted Gas Central Heater has all the safety devices to ensure safe operation. These devices conform to the standards set out by the Australian Gas Association.

POWER OR GAS INTERRUPTION

Should there be an interruption to the power supply during the heating operation the controls will automatically turn off the gas.

Should there be an interruption to the gas supply, the heater will endeavour to re light 3 times and if unsuccessful will lock out. (This is part of the safety features). Should this occur the heater would need to be reset. Please refer to the Abnormal Operating section

OPERATING INSTRUCTIONS

Before operating your mid efficiency central heater ensure the following: -

1. The product has been commissioned ready for use**.**
   If you have not been shown how to operate the unit or the appliance has not been commissioned, please contact your installer.
2. The gas isolating cock is in the ON position.
3. The power is turned on to the unit.

THERMOSTAT FUNCTION

The function of the room thermostat is to maintain the room temperature at the set temperature selected.

Once the heater has reached set temperature the unit will stop. Once the room temperature has dropped below the set temperature the unit will restart maintaining as close as possible the set temperature.

For instruction on how to operate your manual or programmable thermostat, please refer to the instruction sheet provided with your thermostat

Manual Thermostat

Programmable Thermostat

Central Heater will not operate!

	Question	Y/N	Solution
1.	Has the unit been run since installation?	Yes	Refer to question 4
		No	Check the unit is turned on at the power point and the gas cock is turned on. Call the installer to commission the unit.
2.	Is the unit installed in a new home?	Yes	Refer to question 3
		No	Refer to question 4
3.	Has the installer run the unit?	Yes	Refer to question 4
		No	Check the unit is turned on at the power point and the gas cock is turned on. Call the installer to commission the unit.
4.	Is the set temperature greater that the room temperature?	Yes	Press the reset buttons or turn the unit off then on to reset unit. If the unit still does not start call for service. (refer to solution 6 for reset instructions)
		No	Increase the set temperature so the thermostat calls for heat.
5.	Is the thermostat in program mode?	Yes	The heater may be programmed to be OFF. Check the program settings
		No	Adjust the room thermostat greater than set temperature.
6.	Has there been a known power surge?	Yes	Reset the unit. (Refer to the Abnormal Operating section)
		No	Unit should operate normally. If not a service call will be required.

THIS TROUBLE SHOOTING GUIDE IS A REFERENCE ONLY.
FOR SERVICE OR WARRANTY REQUIREMENTS PLEASE REFER TO
THE WARRANTY SECTION OF THIS BOOK

COMMISSIONING CHECK LIST

General

- ☐ All equipment ordered by the customer is installed.
- ☐ The unit is level and secure.
- ☐ The mains and control wiring are complete and the circuit breaker and GPO are turned ON.
- ☐ All Controller functions for the appliance operate.
- ☐ All electrical or gas connections are to manufacturers specifications and the relevant electrical or gas standards and codes.

Ducted Heating unit

- ☐ Electrical polarity of the power outlet is correct.
- ☐ Heater is installed away from sources of dust and fumes (i.e. pool chlorine/petrol etc).
- ☐ Gas leaks checked for, none present.
- ☐ Flue outlet pipe complies with limits given / code and is sealed waterproof.
- ☐ Combustion air meets requirements (internal, under floor).
- ☐ Fan speed set is correct.
- ☐ Burner pressure is correct.
- ☐ Mounting pad/platform complies with requirements / codes

Ductwork

- ☐ All ductwork is completed to plan, correctly supported and airtight, with no bend less than 1.5 x the ductwork diameter.
- ☐ Air distribution checked, dampers are adjusted and all outlets correctly adjusted and wiped clean.
- ☐ All roof penetrations are fully sealed and watertight.
- ☐ Manhole cover replaced.

Site

- ☐ All rubbish has been removed from inside and on the roof.

Customer Hand Over

- ☐ The operation of the Controller.
- ☐ Maintenance requirements

WARRANTY

WARRANTY STATEMENT

Please read this warranty information and complete the Dealer/Product information on the following page. KEEP this with your original purchase documents for any claim under warranty**.**

Firstly refer to your owners manual to ensure you have followed the correct operating procedures of your product, and refer to the trouble shooting guide to assist solving any problems you may have.

1) Read this warranty statement carefully before you request warranty service as items related to installation are not covered by this appliance warranty.

2) A proof of product purchase must be provided for warranty service, to validate the appliance is within the manufacturer's warranty periods.

3) This warranty is only for products and associated original controls for Climate Technologies manufactured product.

4) Only an authorised Climate Technologies service provider must carry out warranty service.

5) Statutory warranty is 12 months from date of purchase and all additional periods are classified as manufacturer's voluntary warranty.

Climate Technologies provides the following Manufacturers warranty on new product additional to all implied warranties and other statutory rights which you may have under the Trade Practices Act and similar State & Territory Laws, subject to the following terms and conditions.

CONDITIONS TO WARRANTY

- Subject to the exclusions noted, Climate Technologies warrant the product for the period as prescribed in the table following this statement to be free from inherent defects in materials and workmanship for functional and structural components.

- This is only valid if the product is operated in accordance with the manufacturers instructions
- The appliance must not be modified or changed in any way.
- Your proof of purchase MUST be produced before free service will be provided.

- Travelling time and mileage are included within 30km of either your authorised Climate Technologies dealer or service provider's premises. Customers in areas other than the above are responsible for any travelling time and mileage required to carry out warranty repairs.

- The product must be installed by a qualified person in the manner prescribed by local & statutory regulations and to the manufacturer's specifications.

- Service within the terms of this warranty will be recognised where we are satisfied that the appliance or part was supplied within the relevant time limits. Documents of purchase and Dealer/Installer information will assist in this process.

- Product fitness for purpose and overall system design / sizing is solely the responsibility of the dealer / installer. This includes but is not limited to heat load calculations, air flow, system balancing, humidity, water quality etc.

- The product must be installed in an easily and safe accessible area for service, appliances installed in areas not easily and safely assessable, costs will be borne by the owner for access equipment should maintenance be required.

WARRANTY

DIY INSTALLATION WARRANTY

- **If the product has been installed as a DIY, a supply part only warranty will apply. Parts only will be supplied free of charge on the return of the faulty part and the owner will be responsible for all labour charges incurred for the part to be fitted by a qualified person. Labour warranty as prescribed in the following table is void in this situation.**

REMOTE LOCATION WARRANTY

- **If the product has been installed outside the Climate Technologies service network, a supply part only warranty will apply. Parts only will be supplied free of charge on the return of the faulty part and the owner will be responsible for all labour charges incurred for the part to be fitted by a qualified person. Labour warranty as prescribed in the following table is void in this situation.**

EXCLUSIONS TO WARRANTY.

- Consumable items subject to wear and tear such as filter pads, drive belts and bearings are not covered by this warranty.
- Components used as part of the installation such as grilles filters, ducting, fittings, zone motors and consumer services pipe work are warranted from your place of purchase and not covered by this warranty.
- Damage caused by elements such as wind, rain, lighting, floods etc along with power spiking and brownouts are not considered defective material or workmanship and as such are not considered warranty.
- No responsibility will be accepted for outside elements such as pests, animals, pets and vermin that may cause damage to the unit.
- Harsh environmental situations such as salt air that may cause cabinet damage / rusting can not be considered warranty.
- The manufacturer does not accept liability or any claims for damage to building contents, carpet, walls, ceilings, foundations or any other consequential loss either direct or indirect. Damage resulting from, power spikes, incorrect operation, incorrect installation, and incorrect maintenance is also not covered.
- All warranties are NOT transferable.

CONDITIONS WHERE WARRANTY MAY BE VOID.

- If there is no certificate of compliance for plumbing, electrical or refrigeration as required by State & Territory Laws. Climate Technologies reserves the right to refuse service on non-compliant installations.
- The defective operation of the appliance that is due to failure of electricity, gas, water or refrigerant gas supplied.
- Defects are caused by neglect, incorrect application, abuse or by accidental damage of the appliance.
- An unauthorised person has attempting to repair the appliance.
- A situation arises referenced in the trouble-shooting guide.
- A charge will be made for work done or a service call where there is nothing wrong with the appliance.

It is important that the name of the Dealer or Retailer from whom you purchased your product and the name of the installer are recorded on this page. The installer is responsible for the correct installation, start up and demonstrating the operation of this product. The Dealer or retailer is also responsible for issuing the relevant certificates of compliance for the electrical connections. (These may differ from state to state).

AGED NEW PRODUCT WARRANTY

For a new product warranty to apply, a product needs to be purchased and installed within 3 years of the manufacturing date by the original purchaser. Product that is aged as the result of extended storage or being used for demonstration purposes, the following warranty conditions will apply.

- For a product that is greater than 3 years and less than 5 years old from date of manufacture the statutory warranty will apply and any voluntary warranty originally supplied will be reduced by 1 year.
- For a product that is greater than 5 years of age from date of manufacture, the statutory warranty will apply to electrically functioning components only. All other components being cabinets, louvres, filters etc. will not be covered by warranty.

WARRANTY ON REPLACEMENT PARTS

Parts replaced under warranty are warranted for the balance of the original warranty period.

PERIODS OF WARRANTY - YEARS.

Unit Components	RESIDENTIAL		COMMERCIAL	
	Parts	Labour	Parts	Labour
Heat Exchanger	10	3	2	2
Burner	10	3	2	2
All other components	3	3	1	1

For further technical information or explanation of any of these specifications, please contact your nearest Bonaire Dealer.

SERVICE & MAINTENANCE

SCHEDULED MAINTENANCE

Your Ducted Gas Central Heater should be serviced annually to ensure trouble free operation.

1. To ensure that your heater continues to operate at peak efficiency it is recommended that it be periodically serviced by a qualified service technician

2. Fan blades, motors, ignition systems and burners should be checked every year. Heater cabinet and immediate surroundings should be kept clean.

SERVICE

A qualified service technician should conduct any service work carried out on your ducted gas central heating. It is important that periodical service is carried out on your product to ensure your will receive the efficiency benefits the product provides.
An authorised Climate Technologies service provider must carry out warranty service.

Service Division

For Metro Service Only Ring the Number Below

South Australia/ Northern Territory	(08) 8307 5230
New South Wales / Australian Capital Territory	(03) 8795 2457
Western Australia	(08) 9454 1000
Victoria/Tasmania	(03) 8795 2456
Queensland	(03) 8795 2457

Outside Metro areas please contact your nearest Climate Technologies Service Provider.

New Zealand (ABERGAS LTD) 0800 161 161

CLIMATE TECHNOLOGIES

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Climate Technologies
ABN 13 001 418 042

26 Nylex Avenue
Salisbury, SA 5108
Australia

www.bonaire.com.au